

Mineral Industry Surveys

For information, contact:

Donald W. Olson, Gypsum Commodity Specialist

U.S. Geological Survey

983 National Center

Reston, VA 20192

Telephone: (703) 648-7721, Fax: (703) 648-7722

E-mail: dolson@usgs.gov

Virginia C. Harper (Data)

Telephone: (703) 648-7983

Fax: (703) 648-7975

MINES FaxBack: (703) 648-4999

Internet: <http://minerals.usgs.gov/minerals>

GYPSUM IN OCTOBER 2001

Producers mined 1,580,000 metric tons of gypsum in October 2001 (table 1). Output was 10% more than that of September 2001 and slightly more than that of October 2000. Synthetic gypsum production was 403,000 tons in October 2001 (table 1), which was 16% less than that of September 2001 and 9% less than that of October 2000. Synthetic gypsum is increasingly used as a raw material for wallboard. Of the 22.5-million-ton total supply of gypsum for January through September 2001, 4.00 million tons or 17.7% was synthetic gypsum. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 835,000 tons, 13% more than that of September 2001, and 29% more than that of October 2000.

Output of calcined gypsum was 1,750,000 tons, 5% more than that of September 2001, and slightly less than that of October 2000. Sales of board products were 2.7 billion square

feet (253 million square meters), 11% more than that of September 2001, and 7% more than that of October 2000.

Import and export data for October 2001 were not available at the time of publication. Imports of crude gypsum in September 2001 were 689,000 tons, slightly less than that of August 2001, and 7% less than that of September 2000. Gypsum wallboard imports, principally from Canada, for September 2001 were 47,000 tons, equivalent to 56 million square feet (5.2 million square meters). These imports were 8% less than that of August 2001, and 10% less than those of September 2000. Wallboard exports to 30 countries and territories in September 2001 were 5,100 tons, equivalent to 6.1 million square feet (568,000 square meters). These exports were 12% less than those of August 2001, and 5% less than those of September 2000.

TABLE 1
GYPSUM SUPPLY 1/ 2/

(Metric tons)

	2001			2000
	October	September	January - October	January - October
Crude:				
Mined 3/	1,580,000	1,430,000	13,800,000	14,800,000
Imported 4/	NA	689,000	NA	7,420,000
Exported 4/	NA	34,900	NA	947,000
Synthetic gypsum 5/	403,000	478,000	4,400,000	3,880,000
Total supply	NA	2,570,000	NA	25,200,000
Calcined:				
Produced	1,750,000	1,670,000	14,700,000	16,800,000
Imported 6/	NA	445	NA	14,200
Exported 6/	NA	119,000	NA	243,000
Total supply	NA	1,550,000	NA	16,600,000

NA Not available.

1/ Includes data from the Gypsum Association.

2/ Data are rounded to no more than three significant digits; may not add to totals shown.

3/ Some data were estimated from semiannual reports.

4/ Import and export data are for "Gypsum; anhydrite," Harmonized Tariff Schedule 2520.10.0000.

5/ Reported supply only.

6/ Import and export data are for "Plaster," Harmonized Tariff Schedule 2520.20.0000.

TABLE 2
GYPSUM SOLD OR USED BY PRODUCERS, BY USE 1/ 2/

(Metric tons, unless otherwise specified)

	2001			2000
	October	September	January - October	January - October
Uncalcined: 3/				
Portland cement	402,000	367,000	3,630,000	3,460,000
Agriculture and misc.	433,000	374,000	3,420,000	2,160,000
Total supply	835,000	741,000	7,050,000	5,630,000
Calcined:				
Board products 4/	2,270,000	2,030,000	20,800,000	20,400,000
Plaster	34,400	30,200	324,000	323,000
Total supply	2,300,000	2,060,000	21,100,000	20,700,000
Board products: (Thousand square feet) 5/				
Regular board	1,600,000	1,430,000	14,500,000	13,500,000
Type X board	837,000	752,000	7,850,000	7,480,000
Other	283,000	252,000	2,580,000	2,780,000
Total supply	2,720,000	2,440,000	24,900,000	23,800,000

1/ Includes data from the Gypsum Association.

2/ Data are rounded to no more than three significant digits; may not add to totals shown.

3/ Does not include synthetic gypsum from electric power plants.

4/ Includes weight of paper and other materials.

5/ One square meter equals 10.78 square feet.

TABLE 3
CRUDE GYPSUM IMPORTED FOR CONSUMPTION 1/

(Metric tons)

Country of origin	2001			2000
	September	August	January- September	January- September
Australia	--	--	--	16,700
Canada	477,000	428,000	4,340,000	4,520,000
China	--	--	20	1
Dominican Republic	--	--	--	25
Germany	15	--	21	--
Japan	--	--	1	12
Korea, Republic of	--	--	--	3
Mexico	187,000	137,000	1,370,000	1,410,000
South Africa	--	--	--	108
Spain	25,000	68,100	546,000	668,000
Thailand	--	74,500	74,500	--
United Kingdom	18	--	274	291
Total	689,000	707,000	6,330,000	6,610,000

-- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.

TABLE 4
CRUDE GYPSUM IN THE UNITED STATES 1/ 2/

(Thousand metric tons)

Period	Consumption 3/	Production 4/	Imports 5/	Exports 5/
2000:				
October	2,480	1,560	936	17
November	2,260	1,360	908	8
December	2,070	1,320	757	11
January - December	26,600	17,500	9,210	158
2001:				
January	2,160	1,370	798	11
February	1,840	1,350	497	12
March	2,150	1,450	710	10
April	2,180	1,380	810	11
May	1,770	1,060	727	18
June	1,940	1,250	710	18
July	2,200	1,540	681	19
August	2,240	1,570	707	29
September	2,090	1,430	689	35
October	NA	1,580	NA	NA

NA Not available.

1/ Excludes synthetic gypsum.

2/ Data are rounded to no more than three significant digits; may not add to totals shown.

3/ Consumption calculated by adding the production and imports shown in this table and subtracting the exports shown in this table. Monthly inventory changes are not included.

4/ Production data are from the semiannual gypsum canvasses of the non-wallboard producers, annual canvasses of all producers, and from monthly data furnished by the Gypsum Association from the wallboard producers.

5/ Data from U.S. Census Bureau.

TABLE 5
SALES OF GYPSUM BOARD PRODUCTS, BY SALES REGIONS 1/ 2/

(Thousand square feet) 3/

	New England	Middle Atlantic	E. North Central	W. North Central	South Atlantic	E. South Central	W. South Central	Mountain	Pacific	Exports	Total
2001:											
October:											
Lath	--	--	--	--	--	--	--	--	--	--	--
Veneer base	22,900	2,920	8,770	865	10,000	49	137	367	1,720	5	47,800
Sheathing	1,790	4,420	4,750	5,040	10,500	2,860	11,000	5,750	7,270	1,020	54,300
Regular gypsum board	41,500	153,000	226,000	104,000	448,000	110,000	192,000	153,000	155,000	21,700	1,600,000
Type X gypsum board	25,600	89,200	128,000	72,000	148,000	32,200	86,100	104,000	148,000	4,470	837,000
Predecorated board	416	706	1,270	385	1,360	402	806	315	671	54	6,380
5/16 Mobile home board	--	2,630	10,900	--	23,600	16,400	17,100	1,870	1,590	37	74,100
Water/moisture resistant board	4,440	16,700	12,900	4,950	24,200	4,290	10,400	8,780	11,900	2,180	101,000
Total	96,700	269,000	392,000	188,000	665,000	166,000	317,000	274,000	326,000	29,500	2,720,000
January - October:											
Lath	16	124	68	4	171	--	--	--	754	--	1,140
Veneer base	204,000	26,200	70,000	8,270	92,000	603	817	3,670	15,800	91	421,000
Sheathing	13,000	32,700	36,400	39,800	92,900	24,100	89,500	58,500	74,400	8,670	470,000
Regular gypsum board	368,000	1,310,000	1,990,000	908,000	3,930,000	978,000	1,880,000	1,370,000	1,570,000	171,000	14,500,000
Type X gypsum board	247,000	814,000	1,150,000	597,000	1,350,000	299,000	858,000	953,000	1,550,000	35,600	7,850,000
Predecorated board	3,760	6,050	10,300	4,920	15,000	4,280	8,580	3,540	6,260	434	63,100
5/16 Mobile home board	--	17,400	101,000	74	245,000	181,000	142,000	17,800	14,000	209	719,000
Water/moisture resistant board	40,700	150,000	114,000	45,600	201,000	37,700	104,000	81,200	117,000	19,400	911,000
Total	877,000	2,360,000	3,480,000	1,600,000	5,930,000	1,520,000	3,080,000	2,490,000	3,350,000	236,000	24,900,000

-- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

2/ Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, OH, MI, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DC, DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain, (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

3/ One square meter equals 10.78 square feet.

Source: Gypsum Association.